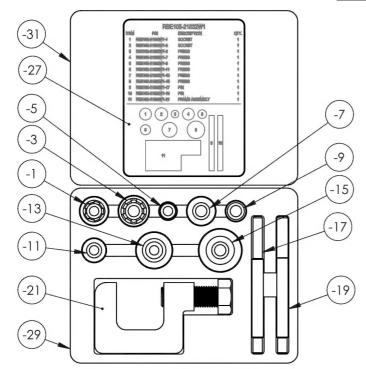
| | | revisions | | | |
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| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |
| 1 | | RELEASED FOR PRODUCTION. | 12/7/2016 | RJC | JAG |



| ASSY QTY | ASSY QTY | B/O | Part # | UNIT QTY | Description | Material | B/O INFORMATION OR SPECIFICATIONS | PG. | |
|-------------|-------------|-----|-----------|-------------|------------------|---------------------|--|-----|---------------|
| | | | -1 | 1 | SOCKET | 4140/4142 | | 2 | 1 |
| | | | -3 | 1 | SOCKET | 4140/4142 | | 3 | 1 |
| | | | -5 | 1 | PRESS | 4140/4142 | | 4 | NOT |
| | | | -7 | 1 | PRESS | 4140/4142 | | 5 | REF. |
| | | | -9 | 1 | PRESS | 4140/4142 | | 6 | |
| | | | -11 | 1 | PRESS | 4140/4142 | | 7 | 1 |
| | | | -13 | 1 | PRESS | 4140/4142 | | 8 |] |
| | | | -15 | 1 | PRESS | 4140/4142 | | 9 | TITLE |
| | | | -17 | 1 | PIN | 4140/4142 | | 10 | 1 |
| | | | -19 | 1 | PIN | 4140/4142 | | 11 | DWG NO. |
| | Χ | | -21 | 1 | FRAME ASSEMBLY | | | 12 | |
| | | | -23 | 1 | FRAME | 4140/4142 | | 13 | MAT'L HEAT |
| | | | -25 | 1 | BOLT | STEEL GRADE 8.8 | M22 X 2.5 X 60mm (MCMASTER-CARR #91280A824) MODIFIED | 14 | TREAT |
| | | | -27 | 1 | LOCATION PLACARD | PLASTIC | | 15 | SPEC |
| | | B/O | -29 | 1 | воттом гоам | Y20 BLACK | 2.93 X 7.23 X 9.41 (I.R. SPECIALTY) | 16 | DRAWN I |
| | | B/O | -31 | 1 | TOP FOAM | ETHAFOAM 220, BLACK | 1.16 X 7.27 X 9.46 (CASE SOLUTIONS) | 17 | CHECKE |
| | | B/O | -33 | 1 | CASE | PLASTIC | PELICAN #APP-1200-E | N/S | OPPS AP |
| | | B/O | | 1 | DART PLACARD | ALUMINUM | RB41011 | N/S | APPROV |
| | ASSY -21 | | | | | | | | SCALE |

NOTE: REF. AIRBUS T/N 105-21832W1.



PRESSING-IN TOOL

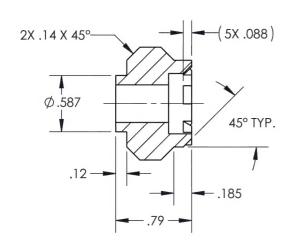
| _ | DWG NO. | RE | BE105-2 | 21832V | | REV 1 |
|-------------------------|----------------------------------|------------------|--|-----------|---------------------------|----------|
| _ | MAT'L HEAT TREAT FINISH | | | | | s |
| SPEC DRAWN BY: CLOUGH | | | 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY | | | |
| | CHECKED: OPPS APPR: | DUERFE ANDERS | | AFTER PLA | TING I DIM AND TOL PER | |
| _ | QA APPR: | LINDSAY | ′ | | USED ON MODEL | |
| _ | APPROVED: | GILBERT | | | EC145 | |
| | SCALE | 1:4 | DATE 8/ | 5/2016 | SHEET 1 OF | 17 |

| | | REVISIONS | | | |
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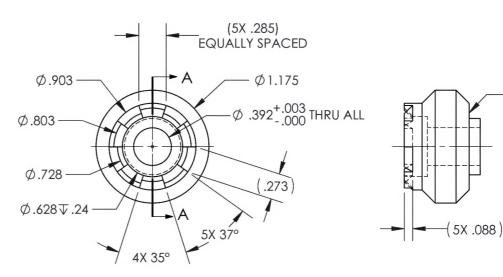


ENGRAVE P/N

REV 1



SECTION A-A





PRESSING-IN TOOL

DWG NO. RBE105-21832W1-1

| MAT'L 4140/4 | 142 | | | | S OTHERWISE SPECIFIED NSIONS ARE IN INCHES | | | |
|---|-----------|----------|--------------|--|---|--|--|--|
| | -55 | | | .XXX ± .005 | FRACTIONS ± 1/8 | | | |
| HEAT RC 50-55 FINISH ZINC PLATE SPEC ASTM B633 TYPE I SC 2 DRAWN BY: CLOUGH CHECKED: DUERFELDT OPPS APPR: ANDERSON QA APPR: LINDSAY | | | | .XX ± .01 | ANGLES ±.5° SURFACES = 125/ | | | |
| SPEC ASTM | SC 2 | | 1. BREAK ALI | L SHARP EDGES | | | | |
| DRAWN BY: | CLOUGH | CLOUGH . | | .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY | | | | |
| CHECKED: | DUERFELDT | | AFTER PLA | TING | | | | |
| OPPS APPR: | ANDERS | SON | | ASME Y14. | F DIM AND TOL PER 5M-2009 | | | |
| QA APPR: | LINDSAY | , | | | USED ON MODEL | | | |
| APPROVED: GILBER | | Т | | EC145 | | | | |
| SCALE | 1:1 | DATE | 8/ | 3/2016 | SHEET 2 OF 17 | | | |

(-1)

SOCKET

REVISIONS This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR. INITIAL APPROVED REV ECR DESCRIPTION DATE - 6X 31° -5X 29° Ø1.060 (6X .111) 2X .10 X 45°-Ø1.257 **ENGRAVE P/N** Ø.838 Ø.472^{+.003} THRU ALL $\emptyset.587$ 45° TYP. (6X.268) Ø.708 **▼**.23 **EQUALLY SPCED** Ø.930 (.268) −(6X .111) -- .186 SECTION B-B

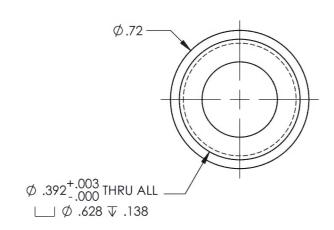
TITLE PRESSING-IN TOOL DWG NO. REV RBE105-21832W1-3 MAT'L 4140/4142 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ±.5° HEAT RC 50-55
TREAT RC 50-55
FINISH ZINC PLATE .XX ± .01 .X ± .1 SURFACES = 125/ SPEC ASTM B633 TYPE I SC 2 1. BREAK ALL SHARP EDGES .015 x 45 'OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 DRAWN BY: CLOUGH CHECKED: DUERFELDT OPPS APPR: ANDERSON QA APPR: USED ON MODEL LINDSAY APPROVED: GILBERT EC145 SCALE 8/3/2016 SHEET 3 OF 17 1:1

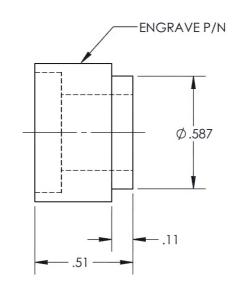
-3)

SOCKET

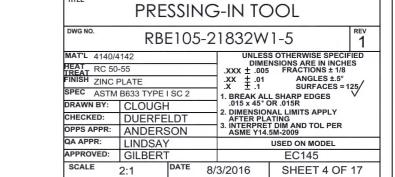
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| REV EC | DESCRIPTION . | DATE | INITIAL | APPROVED |







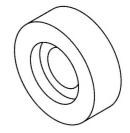
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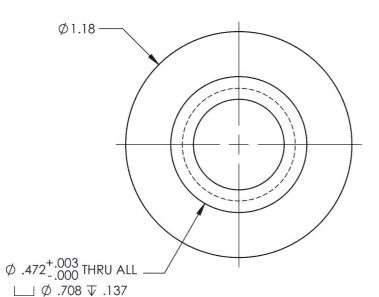


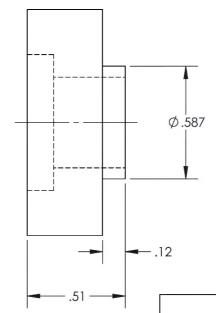


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TITLE DESCRIPTION IN THE

PRESSING-IN TOOL

| 2110110. | RBE105-21832W1-7 |
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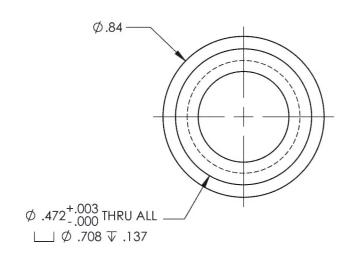
| MAI'L 4140/4 | 142 | | | | NSIONS ARE IN INCHES |
|------------------|---------|------|--------------|--------------------------------|------------------------------|
| REAT RC50- | | | .XXX ± .005 | FRACTIONS ± 1/8 | |
| FINISH ZINC F | | | .XX ± .01 | ANGLES ±.5° SURFACES = 125/ | |
| SPEC ASTM | SC 2 | | 1. BREAK ALI | L SHARP EDGES | |
| DRAWN BY: | CLOUGH | | | .015 x 45° C | OR .015R NAL LIMITS APPLY |
| CHECKED: | DUERFE | LDT | | AFTER PLA | ATING |
| OPPS APPR: | ANDERS | SON | | ASME Y14. | T DIM AND TOL PER 5M-2009 |
| QA APPR: | LINDSAY | ′ | | | USED ON MODEL |
| APPROVED: GILBER | | | | | EC145 |
| SCALE | 2:1 | DATE | 8/ | 3/2016 | SHEET 5 OF 17 |

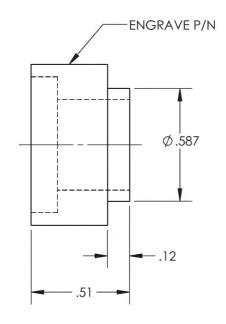
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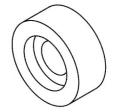


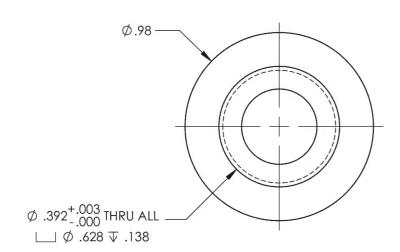


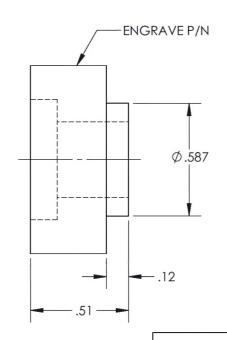


| DART | | | | | | | | | |
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| PRESSING-IN TOOL | | | | | | | | | |
| DWG NO. | RBI | 1832W | 1-9 | REV 1 | | | | | |
| MAT'L 4140/4 | 142 | | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | | | | | | |
| HEAT RC 50- | -55 | | .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125/ 1. BREAK ALL SHARP EDGES | | | | | | |
| FINISH ZINC F | PLATE | | | | | | | | |
| SPEC ASTM | B633 TYPE | SC 2 | | | | | | | |
| DRAWN BY: | CLOUGH | | .015 x 45° OR .015R | | | | | | |
| CHECKED: | DUERFE | LDT | AFTER PLA | | | | | | |
| OPPS APPR: ANDERSON | | 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 | | | | | | | |
| QA APPR: LINDSAY | | | USED ON MODEL | | | | | | |
| APPROVED: | GILBERT | • | | EC145 | | | | | |
| SCALE | 2:1 | DATE 8/ | 5/2016 | SHEET 6 OF | 17 | | | | |

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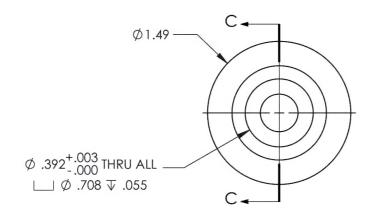


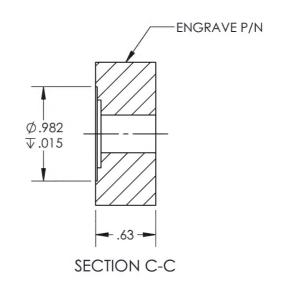


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| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED | | | |



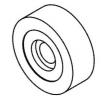


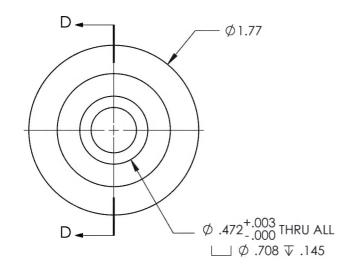


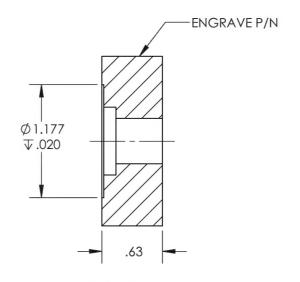
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|---------------------|------------------|------|---------------|---|---|----------|--|--|--|--|
| TITLE | PRESSING-IN TOOL | | | | | | | | | |
| DWG NO. | RBE | 105- | 21 | 832W1 | 1-13 | REV 1 | | | | |
| HEAT RC 50- | HEAT RC 50-55 | | | | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ±.5' .X ± .1 SURFACES = 125/ | | | | | |
| SPEC ASTM | B633 TYPE | SC 2 | | 1. BREAK ALL SHARP EDGES .015 x 45 OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | | | | | | |
| DRAWN BY: | CLOUGH | | | | | | | | | |
| CHECKED: | DUERFE | LDT | | | | | | | | |
| OPPS APPR: ANDERSON | | | | 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 | | | | | | |
| QA APPR: LINDSAY | | | USED ON MODEL | | | | | | | |
| APPROVED: GILBERT | | | | EC145 | | | | | | |
| SCALE | 1:1 | DATE | 8/ | 5/2016 | SHEET 8 OF | 17 | | | | |

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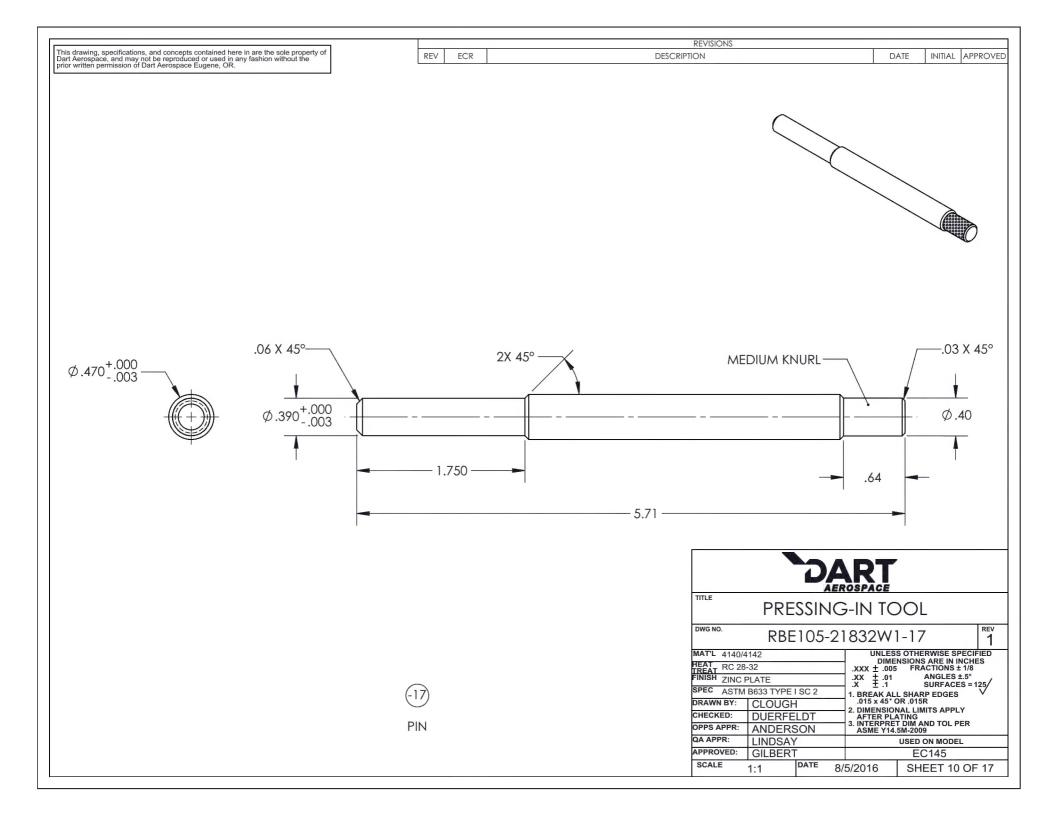




SECTION D-D

TITLE PRESSING-IN TOOL DWG NO. RBE105-21832W1-15 MAT'L 4140/4142 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX + .01 ANGLES ±.5° X ± .1 SURFACES = 125/ HEAT RC 50-55 TREAT RC 50-55 FINISH ZINC PLATE SPEC ASTM B633 TYPE I SC 2 1. BREAK ALL SHARP EDGES .015 x 45 'OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 DRAWN BY: CLOUGH CHECKED: DUERFELDT OPPS APPR: ANDERSON QA APPR: LINDSAY USED ON MODEL APPROVED: GILBERT EC145 SCALE 8/5/2016 SHEET 9 OF 17 1:1





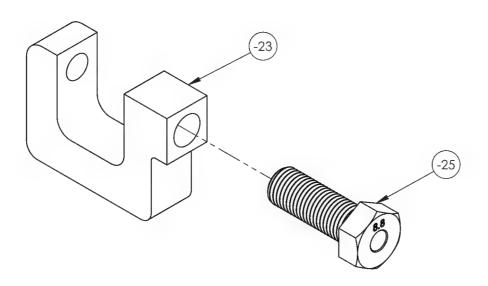
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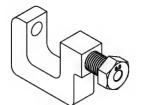
.XXX ± .005 FRACTIONS ± 1/8

.XX + .01 ANGLES ± .5°

.X ± .1 SURFACES = 125/ HEAT RC 28-32
TREAT RC 28-32
FINISH ZINC PLATE SPEC ASTM B633 TYPE I SC 2 1. BREAK ALL SHARP EDGES .015 x 45 'OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 DRAWN BY: CLOUGH CHECKED: DUERFELDT OPPS APPR: ANDERSON QA APPR: USED ON MODEL LINDSAY PIN APPROVED: GILBERT EC145 SCALE 1:1 8/5/2016 **SHEET 11 OF 17**

| | | REVISIONS | | | |
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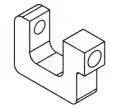
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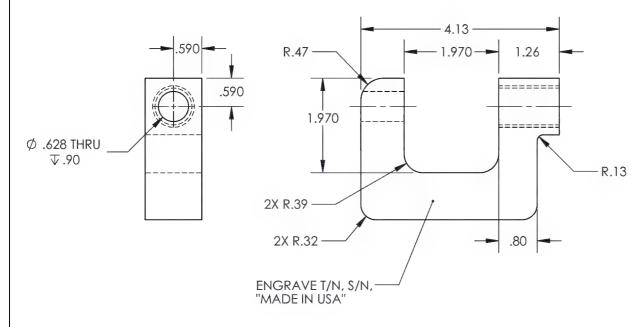
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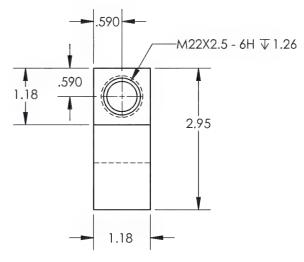
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|--|-------------------|-------|-----|--|------------------------|----|--|--|
| PRESSING-IN TOOL | | | | | | | | |
| DWG NO. | RBE | 105-2 | 2 1 | 1832W1-21 ' | | | | |
| MAT'L HEAT TREAT FINISH SPEC | | | | DIME .XXX ± .005 .XX ± .01 .X ± .1 | | ES | | |
| DRAWN BY: CLOUGH | | | | .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY | | | | |
| CHECKED: DUERFELDT OPPS APPR: ANDERSON | | | | AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 | | | | |
| QA APPR: | APPR: LINDSAY | | | | USED ON MODEL | | | |
| APPROVED: | APPROVED: GILBERT | | | | EC145 | | | |
| SCALE | SCALE 1:2 DATE 8/ | | | | 8/5/2016 SHEET 12 OF 1 | | | |

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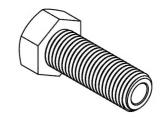


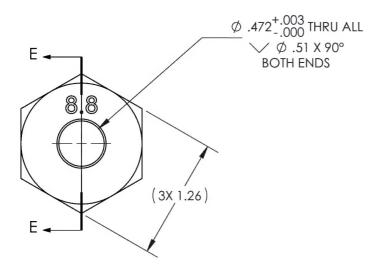
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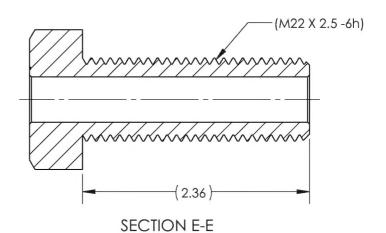
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|---|------------------|---|-------------|------|----------|--|--|--|--|
| TITLE | PRESSING-IN TOOL | | | | | | | | |
| DWG NO. | RBE | 105-2 | 1832W | 1-23 | REV 1 | | | | |
| MAT'L 4140/4142 HEAT RC 28-32 TREAT RC 28-32 FINISH ZINC PLATE SPEC ASTM B633 TYPE I SC 2 DRAWN BY: CLOUGH CHECKED: DUERFELDT OPPS APPR: ANDERSON | | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125/ 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME V14.5M-2009 | | | | | | | |
| QA APPR: LINDSAY | | USED ON MODEL | | | | | | | |
| APPROVED: GILBERT SCALE 1:2 DATE 8/ | | 3/5/2016 | SHEET 13 OF | 17 | | | | | |

| | | REVISIONS | | | |
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| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |



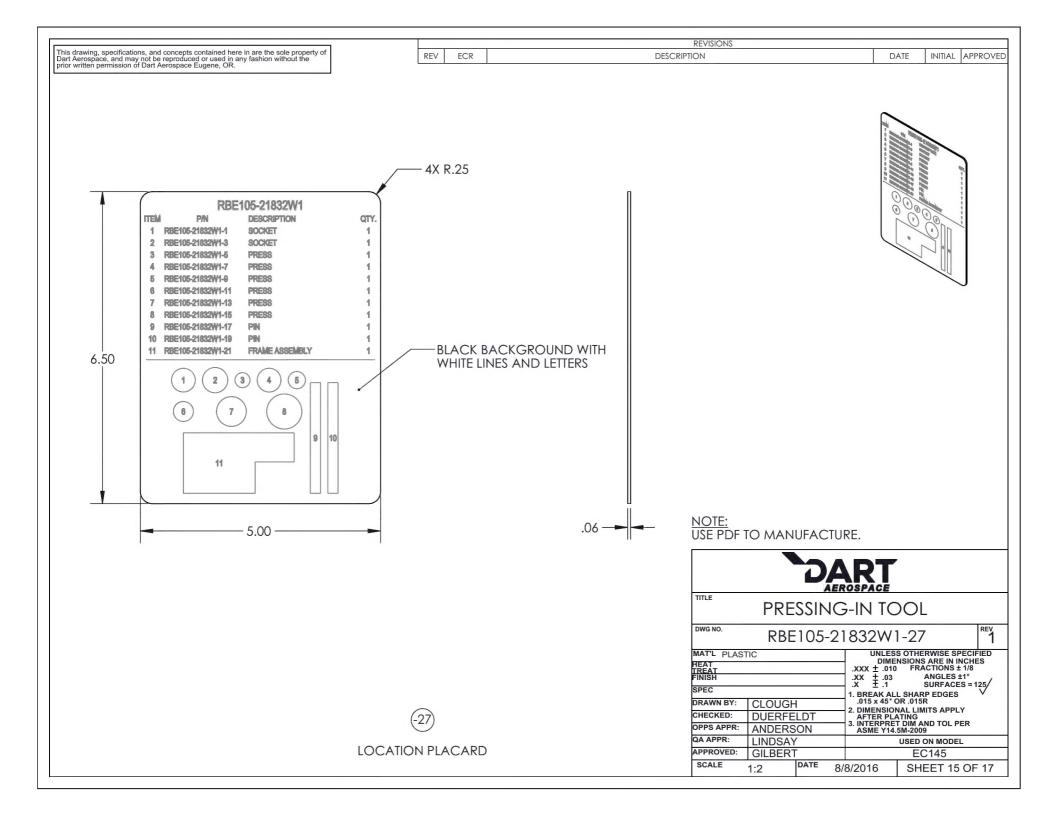




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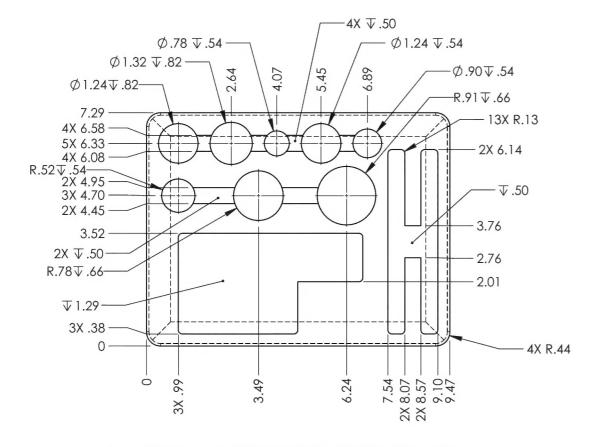
BOLT

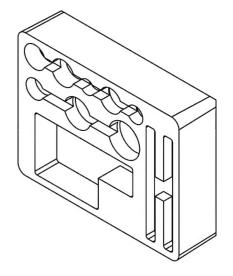
| DART | | | | | | | | | |
|-------------------|---------------------|------|-------|--|-----------------------------|----------|--|--|--|
| TITLE | PRESSING-IN TOOL | | | | | | | | |
| DWG NO. | RBE | 105- | -21 | 832W1 | -25 | REV 1 | | | |
| | . GRADE 8.8 | | | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | | | | | |
| HEAT TREAT | | | | .XXX ± .005 FRACTIONS ± 1/8 | | | | | |
| FINISH ZINC F | PLATE | | | .XX ± .01 | ANGLES ±.5° SURFACES = 1 | 25/ | | | |
| SPEC ASTM | B633 TYPE | SC 2 | | 1. BREAK ALL SHARP EDGES | | | | | |
| DRAWN BY: | CLOUGH | | | .015 x 45° OR .015R - 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | | | | | |
| CHECKED: | DUERFE | LDT | | | | | | | |
| OPPS APPR: | OPPS APPR: ANDERSON | | | 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 | | | | | |
| QA APPR: LINDSAY | | | | USED ON MODEL | | | | | |
| APPROVED: GILBERT | | | EC145 | | | | | | |
| SCALE | · · · · | | | | SHEET 14 OF | 17 | | | |

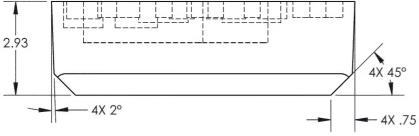


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BOTTOM FOAM

| DART | | | | | | | | |
|--|-------------------|--|---|------------------------------|----|--|--|--|
| PRESSING-IN TOOL | | | | | | | | |
| DWG NO. | RBE105-21832W1-29 | | | | | | | |
| MAT'L Y20 BLACK HEAT TREAT FINISH SPEC | | | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ±1° .X ± .1 SURFACES = 125/ 1. BREAK ALL SHARP EDGES | | | | | |
| DRAWN BY: CLOUGH CHECKED: DUERFELDT | | | .015 x 45° C 2. DIMENSION AFTER PLA | OR .015R NAL LIMITS APPLY | | | | |
| OPPS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT | | | ASME Y14. | USED ON MODEL EC145 | | | | |
| 2011 | | | 5/2016 | SHEET 16 OF | 17 | | | |

